

Global High Thermal Conductivity Diamond Aluminum Market Growth 2026-2032

<https://marketpublishers.com/r/G06520566A97EN.html>

Date: August 2026

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: G06520566A97EN

Abstracts

The global High Thermal Conductivity Diamond Aluminum market size is predicted to grow from US\$ 124 million in 2025 to US\$ 161 million in 2032; it is expected to grow at a CAGR of 3.8% from 2026 to 2032.

In 2024, global production of high thermal conductivity diamond aluminum (HTCDA) reached 1.0297 million pieces, with an average selling price of US\$100 per piece. The annual production capacity of a single HTCDA production line is approximately 150,000 pieces, with a gross profit margin of approximately 31.2%. High thermal conductivity diamond aluminum (HTCDA) is a composite material made by combining diamond particles with aluminum. It is a high-performance material known for its excellent thermal conductivity, high strength, and lightweight. HTCDA is typically prepared by mixing diamond particles with aluminum powder and then compacting the mixture under high pressure and high temperature. The resulting material has a unique microstructure composed of diamond particles dispersed throughout an aluminum matrix. HTCDA possesses many desirable properties, making it useful in a variety of applications. It has extremely high thermal conductivity, making it useful in applications where heat dissipation is critical, such as in electronic devices and high-performance cooling systems. It also has high strength and stiffness, suitable for structural applications such as aerospace components and high-speed machinery. Upstream raw materials for HTCDA include diamond material morphologies, aluminum, and aluminum alloys. The midstream sector consists of manufacturers of high thermal conductivity diamond aluminum, while the downstream sector mainly comprises industries such as electronics, aerospace, and automobiles.

The market for high thermal conductivity diamond-aluminum composite materials is in a phase of rapid development. Combining the advantages of high thermal conductivity,

low thermal expansion, and lightweight, it has become a key material for thermal management in fields such as electronic packaging and aerospace. While domestic companies are gradually increasing their R&D investment and technological accumulation, issues such as a shortage of high-end talent and an incomplete supply chain still constrain development. With the surge in demand for heat dissipation from industries such as 5G, AI, and new energy vehicles, the application areas of this material continue to expand. Policy support and technological innovation are accelerating its industrialization process, and it is expected to achieve domestic substitution in fields such as high-performance computing and semiconductor manufacturing in the future, with the market size projected to maintain a high growth rate.

LP Information, Inc. (LPI) ' newest research report, the "High Thermal Conductivity Diamond Aluminum Industry Forecast" looks at past sales and reviews total world High Thermal Conductivity Diamond Aluminum sales in 2025, providing a comprehensive analysis by region and market sector of projected High Thermal Conductivity Diamond Aluminum sales for 2026 through 2032. With High Thermal Conductivity Diamond Aluminum sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Thermal Conductivity Diamond Aluminum industry.

This Insight Report provides a comprehensive analysis of the global High Thermal Conductivity Diamond Aluminum landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Thermal Conductivity Diamond Aluminum portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Thermal Conductivity Diamond Aluminum market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Thermal Conductivity Diamond Aluminum and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Thermal Conductivity Diamond Aluminum.

This report presents a comprehensive overview, market shares, and growth

opportunities of High Thermal Conductivity Diamond Aluminum market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Powder Metallurgy Diamond Aluminum

Melt Infiltration Diamond Aluminum

Spark Plasma Sintering (SPS) Diamond Aluminum

Segmentation by Interface Processing Technology:

Diamond Surface Metallization

Matrix Alloying

Segmentation by Preparation Process:

Solid Phase Method

Liquid Phase Method

Segmentation by Application:

Electronics Industry

Aerospace Industry

Automotive Industry

Energy Industry

Medical Industry

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Denka

Nano Materials International Corporation

THERMAL

Harbin Yisheng New Material Technology

CHINA GRINM GROUP CORPORATION

SINOMACH-DIA

HEATSINK

TIGER

Xi?An TRUSUNG Advanced Material

Changsha Saneway Electronic Materials

ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY

Hunan Xinju Neng Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global High Thermal Conductivity Diamond Aluminum market?

What factors are driving High Thermal Conductivity Diamond Aluminum market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Thermal Conductivity Diamond Aluminum market opportunities vary by end market size?

How does High Thermal Conductivity Diamond Aluminum break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global High Thermal Conductivity Diamond Aluminum Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for High Thermal Conductivity Diamond Aluminum by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for High Thermal Conductivity Diamond Aluminum by Country/Region, 2021, 2025 & 2032

2.2 High Thermal Conductivity Diamond Aluminum Segment by Type

- 2.2.1 Powder Metallurgy Diamond Aluminum
- 2.2.2 Melt Infiltration Diamond Aluminum
- 2.2.3 Spark Plasma Sintering (SPS) Diamond Aluminum
- 2.2.4 High Thermal Conductivity Diamond Aluminum Sales by Type
 - 2.2.4.1 Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global High Thermal Conductivity Diamond Aluminum Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global High Thermal Conductivity Diamond Aluminum Sale Price by Type (2021-2026)

2.3 High Thermal Conductivity Diamond Aluminum Segment by Interface Processing Technology

- 2.3.1 Diamond Surface Metallization
- 2.3.2 Matrix Alloying
- 2.3.3 High Thermal Conductivity Diamond Aluminum Sales by Interface Processing Technology
 - 2.3.3.1 Global High Thermal Conductivity Diamond Aluminum Sales Market Share by

Interface Processing Technology (2021-2026)

2.3.3.2 Global High Thermal Conductivity Diamond Aluminum Revenue and Market Share by Interface Processing Technology (2021-2026)

2.3.3.3 Global High Thermal Conductivity Diamond Aluminum Sale Price by Interface Processing Technology (2021-2026)

2.4 High Thermal Conductivity Diamond Aluminum Segment by Preparation Process

2.4.1 Solid Phase Method

2.4.2 Liquid Phase Method

2.4.3 High Thermal Conductivity Diamond Aluminum Sales by Preparation Process

2.4.3.1 Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Preparation Process (2021-2026)

2.4.3.2 Global High Thermal Conductivity Diamond Aluminum Revenue and Market Share by Preparation Process (2021-2026)

2.4.3.3 Global High Thermal Conductivity Diamond Aluminum Sale Price by Preparation Process (2021-2026)

2.5 High Thermal Conductivity Diamond Aluminum Segment by Application

2.5.1 Electronics Industry

2.5.2 Aerospace Industry

2.5.3 Automotive Industry

2.5.4 Energy Industry

2.5.5 Medical Industry

2.5.6 High Thermal Conductivity Diamond Aluminum Sales by Application

2.5.6.1 Global High Thermal Conductivity Diamond Aluminum Sale Market Share by Application (2021-2026)

2.5.6.2 Global High Thermal Conductivity Diamond Aluminum Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global High Thermal Conductivity Diamond Aluminum Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global High Thermal Conductivity Diamond Aluminum Breakdown Data by Company

3.1.1 Global High Thermal Conductivity Diamond Aluminum Annual Sales by Company (2021-2026)

3.1.2 Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Company (2021-2026)

3.2 Global High Thermal Conductivity Diamond Aluminum Annual Revenue by Company (2021-2026)

3.2.1 Global High Thermal Conductivity Diamond Aluminum Revenue by Company (2021-2026)

3.2.2 Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Company (2021-2026)

3.3 Global High Thermal Conductivity Diamond Aluminum Sale Price by Company

3.4 Key Manufacturers High Thermal Conductivity Diamond Aluminum Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Thermal Conductivity Diamond Aluminum Product Location Distribution

3.4.2 Players High Thermal Conductivity Diamond Aluminum Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HIGH THERMAL CONDUCTIVITY DIAMOND ALUMINUM BY GEOGRAPHIC REGION

4.1 World Historic High Thermal Conductivity Diamond Aluminum Market Size by Geographic Region (2021-2026)

4.1.1 Global High Thermal Conductivity Diamond Aluminum Annual Sales by Geographic Region (2021-2026)

4.1.2 Global High Thermal Conductivity Diamond Aluminum Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic High Thermal Conductivity Diamond Aluminum Market Size by Country/Region (2021-2026)

4.2.1 Global High Thermal Conductivity Diamond Aluminum Annual Sales by Country/Region (2021-2026)

4.2.2 Global High Thermal Conductivity Diamond Aluminum Annual Revenue by Country/Region (2021-2026)

4.3 Americas High Thermal Conductivity Diamond Aluminum Sales Growth

4.4 APAC High Thermal Conductivity Diamond Aluminum Sales Growth

4.5 Europe High Thermal Conductivity Diamond Aluminum Sales Growth

4.6 Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales Growth

5 AMERICAS

5.1 Americas High Thermal Conductivity Diamond Aluminum Sales by Country

5.1.1 Americas High Thermal Conductivity Diamond Aluminum Sales by Country
(2021-2026)

5.1.2 Americas High Thermal Conductivity Diamond Aluminum Revenue by Country
(2021-2026)

5.2 Americas High Thermal Conductivity Diamond Aluminum Sales by Type
(2021-2026)

5.3 Americas High Thermal Conductivity Diamond Aluminum Sales by Application
(2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC High Thermal Conductivity Diamond Aluminum Sales by Region

6.1.1 APAC High Thermal Conductivity Diamond Aluminum Sales by Region
(2021-2026)

6.1.2 APAC High Thermal Conductivity Diamond Aluminum Revenue by Region
(2021-2026)

6.2 APAC High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026)

6.3 APAC High Thermal Conductivity Diamond Aluminum Sales by Application
(2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe High Thermal Conductivity Diamond Aluminum by Country

7.1.1 Europe High Thermal Conductivity Diamond Aluminum Sales by Country
(2021-2026)

7.1.2 Europe High Thermal Conductivity Diamond Aluminum Revenue by Country
(2021-2026)

7.2 Europe High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026)

7.3 Europe High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa High Thermal Conductivity Diamond Aluminum by Country

8.1.1 Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by Country (2021-2026)

8.1.2 Middle East & Africa High Thermal Conductivity Diamond Aluminum Revenue by Country (2021-2026)

8.2 Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026)

8.3 Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of High Thermal Conductivity Diamond Aluminum

10.3 Manufacturing Process Analysis of High Thermal Conductivity Diamond Aluminum

10.4 Industry Chain Structure of High Thermal Conductivity Diamond Aluminum

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 High Thermal Conductivity Diamond Aluminum Distributors

11.3 High Thermal Conductivity Diamond Aluminum Customer

12 WORLD FORECAST REVIEW FOR HIGH THERMAL CONDUCTIVITY DIAMOND ALUMINUM BY GEOGRAPHIC REGION

12.1 Global High Thermal Conductivity Diamond Aluminum Market Size Forecast by Region

12.1.1 Global High Thermal Conductivity Diamond Aluminum Forecast by Region (2027-2032)

12.1.2 Global High Thermal Conductivity Diamond Aluminum Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global High Thermal Conductivity Diamond Aluminum Forecast by Type (2027-2032)

12.7 Global High Thermal Conductivity Diamond Aluminum Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Denka

13.1.1 Denka Company Information

13.1.2 Denka High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.1.3 Denka High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Denka Main Business Overview

13.1.5 Denka Latest Developments

13.2 Nano Materials International Corporation

13.2.1 Nano Materials International Corporation Company Information

13.2.2 Nano Materials International Corporation High Thermal Conductivity Diamond

Aluminum Product Portfolios and Specifications

13.2.3 Nano Materials International Corporation High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Nano Materials International Corporation Main Business Overview

13.2.5 Nano Materials International Corporation Latest Developments

13.3 THERMAL

13.3.1 THERMAL Company Information

13.3.2 THERMAL High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.3.3 THERMAL High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 THERMAL Main Business Overview

13.3.5 THERMAL Latest Developments

13.4 Harbin Yisheng New Material Technology

13.4.1 Harbin Yisheng New Material Technology Company Information

13.4.2 Harbin Yisheng New Material Technology High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.4.3 Harbin Yisheng New Material Technology High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Harbin Yisheng New Material Technology Main Business Overview

13.4.5 Harbin Yisheng New Material Technology Latest Developments

13.5 CHINA GRINM GROUP CORPORATION

13.5.1 CHINA GRINM GROUP CORPORATION Company Information

13.5.2 CHINA GRINM GROUP CORPORATION High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.5.3 CHINA GRINM GROUP CORPORATION High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 CHINA GRINM GROUP CORPORATION Main Business Overview

13.5.5 CHINA GRINM GROUP CORPORATION Latest Developments

13.6 SINOMACH-DIA

13.6.1 SINOMACH-DIA Company Information

13.6.2 SINOMACH-DIA High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.6.3 SINOMACH-DIA High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 SINOMACH-DIA Main Business Overview

13.6.5 SINOMACH-DIA Latest Developments

13.7 HEATSINK

13.7.1 HEATSINK Company Information

13.7.2 HEATSINK High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.7.3 HEATSINK High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 HEATSINK Main Business Overview

13.7.5 HEATSINK Latest Developments

13.8 TIGER

13.8.1 TIGER Company Information

13.8.2 TIGER High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.8.3 TIGER High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 TIGER Main Business Overview

13.8.5 TIGER Latest Developments

13.9 Xi?An TRUSUNG Advanced Material

13.9.1 Xi?An TRUSUNG Advanced Material Company Information

13.9.2 Xi?An TRUSUNG Advanced Material High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.9.3 Xi?An TRUSUNG Advanced Material High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Xi?An TRUSUNG Advanced Material Main Business Overview

13.9.5 Xi?An TRUSUNG Advanced Material Latest Developments

13.10 Changsha Saneway Electronic Materials

13.10.1 Changsha Saneway Electronic Materials Company Information

13.10.2 Changsha Saneway Electronic Materials High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.10.3 Changsha Saneway Electronic Materials High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Changsha Saneway Electronic Materials Main Business Overview

13.10.5 Changsha Saneway Electronic Materials Latest Developments

13.11 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY

13.11.1 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Company Information

13.11.2 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.11.3 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Main

Business Overview

13.11.5 ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Latest Developments

13.12 Hunan Xinju Neng Technology

13.12.1 Hunan Xinju Neng Technology Company Information

13.12.2 Hunan Xinju Neng Technology High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

13.12.3 Hunan Xinju Neng Technology High Thermal Conductivity Diamond Aluminum Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Hunan Xinju Neng Technology Main Business Overview

13.12.5 Hunan Xinju Neng Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. High Thermal Conductivity Diamond Aluminum Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. High Thermal Conductivity Diamond Aluminum Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Powder Metallurgy Diamond Aluminum

Table 4. Major Players of Melt Infiltration Diamond Aluminum

Table 5. Major Players of Spark Plasma Sintering (SPS) Diamond Aluminum

Table 6. Global High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026) & (K Pcs)

Table 7. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)

Table 8. Global High Thermal Conductivity Diamond Aluminum Revenue by Type (2021-2026) & (\$ million)

Table 9. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Type (2021-2026)

Table 10. Global High Thermal Conductivity Diamond Aluminum Sale Price by Type (2021-2026) & (US\$/Pc)

Table 11. Major Players of Diamond Surface Metallization

Table 12. Major Players of Matrix Alloying

Table 13. Global High Thermal Conductivity Diamond Aluminum Sales by Interface Processing Technology (2021-2026) & (K Pcs)

Table 14. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Interface Processing Technology (2021-2026)

Table 15. Global High Thermal Conductivity Diamond Aluminum Revenue by Interface Processing Technology (2021-2026) & (\$ million)

Table 16. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Interface Processing Technology (2021-2026)

Table 17. Global High Thermal Conductivity Diamond Aluminum Sale Price by Interface Processing Technology (2021-2026) & (US\$/Pc)

Table 18. Major Players of Solid Phase Method

Table 19. Major Players of Liquid Phase Method

Table 20. Global High Thermal Conductivity Diamond Aluminum Sales by Preparation Process (2021-2026) & (K Pcs)

Table 21. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Preparation Process (2021-2026)

Table 22. Global High Thermal Conductivity Diamond Aluminum Revenue by Preparation Process (2021-2026) & (\$ million)
Table 23. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Preparation Process (2021-2026)
Table 24. Global High Thermal Conductivity Diamond Aluminum Sale Price by Preparation Process (2021-2026) & (US\$/Pc)
Table 25. Global High Thermal Conductivity Diamond Aluminum Sale by Application (2021-2026) & (K Pcs)
Table 26. Global High Thermal Conductivity Diamond Aluminum Sale Market Share by Application (2021-2026)
Table 27. Global High Thermal Conductivity Diamond Aluminum Revenue by Application (2021-2026) & (\$ million)
Table 28. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Application (2021-2026)
Table 29. Global High Thermal Conductivity Diamond Aluminum Sale Price by Application (2021-2026) & (US\$/Pc)
Table 30. Global High Thermal Conductivity Diamond Aluminum Sales by Company (2021-2026) & (K Pcs)
Table 31. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Company (2021-2026)
Table 32. Global High Thermal Conductivity Diamond Aluminum Revenue by Company (2021-2026) & (\$ millions)
Table 33. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Company (2021-2026)
Table 34. Global High Thermal Conductivity Diamond Aluminum Sale Price by Company (2021-2026) & (US\$/Pc)
Table 35. Key Manufacturers High Thermal Conductivity Diamond Aluminum Producing Area Distribution and Sales Area
Table 36. Players High Thermal Conductivity Diamond Aluminum Products Offered
Table 37. High Thermal Conductivity Diamond Aluminum Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 38. New Products and Potential Entrants
Table 39. Market M&A Activity & Strategy
Table 40. Global High Thermal Conductivity Diamond Aluminum Sales by Geographic Region (2021-2026) & (K Pcs)
Table 41. Global High Thermal Conductivity Diamond Aluminum Sales Market Share Geographic Region (2021-2026)
Table 42. Global High Thermal Conductivity Diamond Aluminum Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 43. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Geographic Region (2021-2026)

Table 44. Global High Thermal Conductivity Diamond Aluminum Sales by Country/Region (2021-2026) & (K Pcs)

Table 45. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Country/Region (2021-2026)

Table 46. Global High Thermal Conductivity Diamond Aluminum Revenue by Country/Region (2021-2026) & (\$ millions)

Table 47. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Country/Region (2021-2026)

Table 48. Americas High Thermal Conductivity Diamond Aluminum Sales by Country (2021-2026) & (K Pcs)

Table 49. Americas High Thermal Conductivity Diamond Aluminum Sales Market Share by Country (2021-2026)

Table 50. Americas High Thermal Conductivity Diamond Aluminum Revenue by Country (2021-2026) & (\$ millions)

Table 51. Americas High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026) & (K Pcs)

Table 52. Americas High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026) & (K Pcs)

Table 53. APAC High Thermal Conductivity Diamond Aluminum Sales by Region (2021-2026) & (K Pcs)

Table 54. APAC High Thermal Conductivity Diamond Aluminum Sales Market Share by Region (2021-2026)

Table 55. APAC High Thermal Conductivity Diamond Aluminum Revenue by Region (2021-2026) & (\$ millions)

Table 56. APAC High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026) & (K Pcs)

Table 57. APAC High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026) & (K Pcs)

Table 58. Europe High Thermal Conductivity Diamond Aluminum Sales by Country (2021-2026) & (K Pcs)

Table 59. Europe High Thermal Conductivity Diamond Aluminum Revenue by Country (2021-2026) & (\$ millions)

Table 60. Europe High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026) & (K Pcs)

Table 61. Europe High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026) & (K Pcs)

Table 62. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by

Country (2021-2026) & (K Pcs)

Table 63. Middle East & Africa High Thermal Conductivity Diamond Aluminum Revenue Market Share by Country (2021-2026)

Table 64. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by Type (2021-2026) & (K Pcs)

Table 65. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales by Application (2021-2026) & (K Pcs)

Table 66. Key Market Drivers & Growth Opportunities of High Thermal Conductivity Diamond Aluminum

Table 67. Key Market Challenges & Risks of High Thermal Conductivity Diamond Aluminum

Table 68. Key Industry Trends of High Thermal Conductivity Diamond Aluminum

Table 69. High Thermal Conductivity Diamond Aluminum Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. High Thermal Conductivity Diamond Aluminum Distributors List

Table 72. High Thermal Conductivity Diamond Aluminum Customer List

Table 73. Global High Thermal Conductivity Diamond Aluminum Sales Forecast by Region (2027-2032) & (K Pcs)

Table 74. Global High Thermal Conductivity Diamond Aluminum Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 75. Americas High Thermal Conductivity Diamond Aluminum Sales Forecast by Country (2027-2032) & (K Pcs)

Table 76. Americas High Thermal Conductivity Diamond Aluminum Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 77. APAC High Thermal Conductivity Diamond Aluminum Sales Forecast by Region (2027-2032) & (K Pcs)

Table 78. APAC High Thermal Conductivity Diamond Aluminum Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 79. Europe High Thermal Conductivity Diamond Aluminum Sales Forecast by Country (2027-2032) & (K Pcs)

Table 80. Europe High Thermal Conductivity Diamond Aluminum Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 81. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales Forecast by Country (2027-2032) & (K Pcs)

Table 82. Middle East & Africa High Thermal Conductivity Diamond Aluminum Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Global High Thermal Conductivity Diamond Aluminum Sales Forecast by Type (2027-2032) & (K Pcs)

Table 84. Global High Thermal Conductivity Diamond Aluminum Revenue Forecast by

Type (2027-2032) & (\$ millions)

Table 85. Global High Thermal Conductivity Diamond Aluminum Sales Forecast by Application (2027-2032) & (K Pcs)

Table 86. Global High Thermal Conductivity Diamond Aluminum Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 87. Denka Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 88. Denka High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 89. Denka High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 90. Denka Main Business

Table 91. Denka Latest Developments

Table 92. Nano Materials International Corporation Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 93. Nano Materials International Corporation High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 94. Nano Materials International Corporation High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 95. Nano Materials International Corporation Main Business

Table 96. Nano Materials International Corporation Latest Developments

Table 97. THERMAL Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 98. THERMAL High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 99. THERMAL High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 100. THERMAL Main Business

Table 101. THERMAL Latest Developments

Table 102. Harbin Yisheng New Material Technology Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 103. Harbin Yisheng New Material Technology High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 104. Harbin Yisheng New Material Technology High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 105. Harbin Yisheng New Material Technology Main Business

Table 106. Harbin Yisheng New Material Technology Latest Developments

Table 107. CHINA GRINM GROUP CORPORATION Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 108. CHINA GRINM GROUP CORPORATION High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 109. CHINA GRINM GROUP CORPORATION High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 110. CHINA GRINM GROUP CORPORATION Main Business

Table 111. CHINA GRINM GROUP CORPORATION Latest Developments

Table 112. SINOMACH-DIA Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 113. SINOMACH-DIA High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 114. SINOMACH-DIA High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 115. SINOMACH-DIA Main Business

Table 116. SINOMACH-DIA Latest Developments

Table 117. HEATSINK Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 118. HEATSINK High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 119. HEATSINK High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 120. HEATSINK Main Business

Table 121. HEATSINK Latest Developments

Table 122. TIGER Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 123. TIGER High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 124. TIGER High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 125. TIGER Main Business

Table 126. TIGER Latest Developments

Table 127. Xi?An TRUSUNG Advanced Material Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 128. Xi?An TRUSUNG Advanced Material High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 129. Xi?An TRUSUNG Advanced Material High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin

(2021-2026)

Table 130. Xi?An TRUSUNG Advanced Material Main Business

Table 131. Xi?An TRUSUNG Advanced Material Latest Developments

Table 132. Changsha Saneway Electronic Materials Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 133. Changsha Saneway Electronic Materials High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 134. Changsha Saneway Electronic Materials High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 135. Changsha Saneway Electronic Materials Main Business

Table 136. Changsha Saneway Electronic Materials Latest Developments

Table 137. ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 138. ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 139. ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 140. ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Main Business

Table 141. ANHUI SUNKING PRECISION NEW MATERIAL TECHNOLOGY Latest Developments

Table 142. Hunan Xinju Neng Technology Basic Information, High Thermal Conductivity Diamond Aluminum Manufacturing Base, Sales Area and Its Competitors

Table 143. Hunan Xinju Neng Technology High Thermal Conductivity Diamond Aluminum Product Portfolios and Specifications

Table 144. Hunan Xinju Neng Technology High Thermal Conductivity Diamond Aluminum Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 145. Hunan Xinju Neng Technology Main Business

Table 146. Hunan Xinju Neng Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of High Thermal Conductivity Diamond Aluminum
- Figure 2. High Thermal Conductivity Diamond Aluminum Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High Thermal Conductivity Diamond Aluminum Sales Growth Rate 2021-2032 (K Pcs)
- Figure 7. Global High Thermal Conductivity Diamond Aluminum Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. High Thermal Conductivity Diamond Aluminum Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. High Thermal Conductivity Diamond Aluminum Sales Market Share by Country/Region (2025)
- Figure 10. High Thermal Conductivity Diamond Aluminum Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Powder Metallurgy Diamond Aluminum
- Figure 12. Product Picture of Melt Infiltration Diamond Aluminum
- Figure 13. Product Picture of Spark Plasma Sintering (SPS) Diamond Aluminum
- Figure 14. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Type in 2026
- Figure 15. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Diamond Surface Metallization
- Figure 17. Product Picture of Matrix Alloying
- Figure 18. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Interface Processing Technology in 2026
- Figure 19. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Interface Processing Technology (2021-2026)
- Figure 20. Product Picture of Solid Phase Method
- Figure 21. Product Picture of Liquid Phase Method
- Figure 22. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Preparation Process in 2026
- Figure 23. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Preparation Process (2021-2026)
- Figure 24. High Thermal Conductivity Diamond Aluminum Consumed in Electronics

Industry

Figure 25. Global High Thermal Conductivity Diamond Aluminum Market: Electronics Industry (2021-2026) & (K Pcs)

Figure 26. High Thermal Conductivity Diamond Aluminum Consumed in Aerospace Industry

Figure 27. Global High Thermal Conductivity Diamond Aluminum Market: Aerospace Industry (2021-2026) & (K Pcs)

Figure 28. High Thermal Conductivity Diamond Aluminum Consumed in Automotive Industry

Figure 29. Global High Thermal Conductivity Diamond Aluminum Market: Automotive Industry (2021-2026) & (K Pcs)

Figure 30. High Thermal Conductivity Diamond Aluminum Consumed in Energy Industry

Figure 31. Global High Thermal Conductivity Diamond Aluminum Market: Energy Industry (2021-2026) & (K Pcs)

Figure 32. High Thermal Conductivity Diamond Aluminum Consumed in Medical Industry

Figure 33. Global High Thermal Conductivity Diamond Aluminum Market: Medical Industry (2021-2026) & (K Pcs)

Figure 34. Global High Thermal Conductivity Diamond Aluminum Sale Market Share by Application (2025)

Figure 35. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Application in 2026

Figure 36. High Thermal Conductivity Diamond Aluminum Sales by Company in 2026 (K Pcs)

Figure 37. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Company in 2026

Figure 38. High Thermal Conductivity Diamond Aluminum Revenue by Company in 2026 (\$ millions)

Figure 39. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Company in 2026

Figure 40. Global High Thermal Conductivity Diamond Aluminum Sales Market Share by Geographic Region (2021-2026)

Figure 41. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share by Geographic Region in 2026

Figure 42. Americas High Thermal Conductivity Diamond Aluminum Sales 2021-2026 (K Pcs)

Figure 43. Americas High Thermal Conductivity Diamond Aluminum Revenue 2021-2026 (\$ millions)

Figure 44. APAC High Thermal Conductivity Diamond Aluminum Sales 2021-2026 (K

Pcs)

Figure 45. APAC High Thermal Conductivity Diamond Aluminum Revenue 2021-2026 (\$ millions)

Figure 46. Europe High Thermal Conductivity Diamond Aluminum Sales 2021-2026 (K Pcs)

Figure 47. Europe High Thermal Conductivity Diamond Aluminum Revenue 2021-2026 (\$ millions)

Figure 48. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales 2021-2026 (K Pcs)

Figure 49. Middle East & Africa High Thermal Conductivity Diamond Aluminum Revenue 2021-2026 (\$ millions)

Figure 50. Americas High Thermal Conductivity Diamond Aluminum Sales Market Share by Country in 2026

Figure 51. Americas High Thermal Conductivity Diamond Aluminum Revenue Market Share by Country (2021-2026)

Figure 52. Americas High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)

Figure 53. Americas High Thermal Conductivity Diamond Aluminum Sales Market Share by Application (2021-2026)

Figure 54. United States High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 55. Canada High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 56. Mexico High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 57. Brazil High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 58. APAC High Thermal Conductivity Diamond Aluminum Sales Market Share by Region in 2026

Figure 59. APAC High Thermal Conductivity Diamond Aluminum Revenue Market Share by Region (2021-2026)

Figure 60. APAC High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)

Figure 61. APAC High Thermal Conductivity Diamond Aluminum Sales Market Share by Application (2021-2026)

Figure 62. China High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 63. Japan High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 64. South Korea High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 65. Southeast Asia High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 66. India High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 67. Australia High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 68. China Taiwan High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 69. Europe High Thermal Conductivity Diamond Aluminum Sales Market Share by Country in 2026

Figure 70. Europe High Thermal Conductivity Diamond Aluminum Revenue Market Share by Country (2021-2026)

Figure 71. Europe High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)

Figure 72. Europe High Thermal Conductivity Diamond Aluminum Sales Market Share by Application (2021-2026)

Figure 73. Germany High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 74. France High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 75. UK High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 76. Italy High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 77. Russia High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 78. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales Market Share by Country (2021-2026)

Figure 79. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales Market Share by Type (2021-2026)

Figure 80. Middle East & Africa High Thermal Conductivity Diamond Aluminum Sales Market Share by Application (2021-2026)

Figure 81. Egypt High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 82. South Africa High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 83. Israel High Thermal Conductivity Diamond Aluminum Revenue Growth

2021-2026 (\$ millions)

Figure 84. Turkey High Thermal Conductivity Diamond Aluminum Revenue Growth

2021-2026 (\$ millions)

Figure 85. GCC Countries High Thermal Conductivity Diamond Aluminum Revenue Growth 2021-2026 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of High Thermal Conductivity Diamond Aluminum in 2026

Figure 87. Manufacturing Process Analysis of High Thermal Conductivity Diamond Aluminum

Figure 88. Industry Chain Structure of High Thermal Conductivity Diamond Aluminum

Figure 89. Channels of Distribution

Figure 90. Global High Thermal Conductivity Diamond Aluminum Sales Market Forecast by Region (2027-2032)

Figure 91. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share Forecast by Region (2027-2032)

Figure 92. Global High Thermal Conductivity Diamond Aluminum Sales Market Share Forecast by Type (2027-2032)

Figure 93. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share Forecast by Type (2027-2032)

Figure 94. Global High Thermal Conductivity Diamond Aluminum Sales Market Share Forecast by Application (2027-2032)

Figure 95. Global High Thermal Conductivity Diamond Aluminum Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global High Thermal Conductivity Diamond Aluminum Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G06520566A97EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G06520566A97EN.html>